

Application No. 10/517072
Page 3

Amendment
Attorney Docket No. H01.21-11733-US01

Amendments To The Claims:

1. **(Currently Amended):** Isolation of tooth material to be treated to protect the surrounding gums and/or adjacent teeth from dental treatment means, obtained by applying a covering composition onto the gums and/or adjacent teeth which cross-links in a self-curing manner at an ambient temperature in the mouth interior and produces an elastomeric material, wherein the covering composition is selected from the group consisting of A-silicones.
2. **(Original):** Isolation according to claim 1, obtained from a covering composition which is produced by mixing a multiple-component system.
3. **(Original):** Isolation according to claim 1, obtained from a covering composition which is produced by mixing a two-component system.
4. **(Cancelled):** ~~Isolation according to claim 1, obtained from a covering composition which is selected from the group of A-silicones.~~
5. **(Previously Presented):** Isolation according to claim 1, obtained from a covering composition which immediately after mixing has a rheological flow-on behaviour when applied in the mouth and within one second after application has such a stability that the applied composition does not run down or spread.
6. **(Previously Presented):** Isolation according to claim 1, obtained from a covering composition, of which the cross-linking begins within 20 seconds after mixing the components and is so far advanced within 40 seconds after mixing the components that the composition is solidified as rubber-elastic.
7. **(Previously Presented):** Isolation according to claim 1, obtained from a covering composition of which the cross-linking begins within 10 seconds after mixing the components and which is so far advanced within 20 seconds after mixing the components that the composition is solidified as rubber- elastic.

Application No. 10/517072
Page 4

Amendment
Attorney Docket No. H01.2I-11733-US01

8. **(Previously Presented)**: Isolation according to claim 1, obtained from a covering composition of which the cross-linking begins within 5 seconds after mixing the components and is so far advanced within 10 seconds after mixing the components that the composition is solidified as rubber-elastic.

9. **(Previously Presented)**: Isolation according to claim 1, which can be easily removed in one piece from the mouth without leaving any trace.

10. **(Previously Presented)**: Method for isolating tooth material to be treated to protect the surrounding gums and/or adjacent teeth from dental treatment means ~~by applying a covering composition according to claim 1 on the gums.~~ **comprising the steps of:**

providing a covering composition which cross-links in a self-curing manner at an ambient temperature in the mouth interior and produces an elastomeric material, wherein the covering composition is selected from the group consisting of A-silicones, and

applying the covering composition onto the gums and/or adjacent teeth.

11. **(Original)**: Method according to claim 10 in which the area of application is dried before the application of the covering composition.

12. **(Previously Presented)**: Method according to claim 10, in which the components are mixed with one another before and/or during the application of the covering composition.

13. **(Previously Presented)**: Method according to claim 1, in which the covering composition is applied in the flowable state and after the application cross-links in a self-curing manner and produces an elastomeric material.

14. **(Previously Presented)**: Device for isolating tooth material to be treated and producing a shield for the surrounding gums and/or adjacent teeth from dental treatment means, in particular by carrying out the method according to claim 10, with a double chamber cartridge with two chambers, a static mixing device connected to the chambers, an application opening supplied by

Application No. 10/517072
Page 5

Amendment
Attorney Docket No. H01.2I-11733-US01

the static mixing device, plungers for simultaneously pressing out the contents of the two chambers through the static mixing device and the application opening and a covering composition according to claim 1, of which the two components are arranged in the two different chambers.